

CLAIMS

What is claimed is:

- 5           1.     An identification system comprising:  
              a modem communicating with a telephonic network;  
              a dialog processing device communicating with said telephonic  
network; and  
              a controller communicating with said modem and said dialog  
processing device to identify a terminating connection of said telephonic network.
- 10           2.     The system as recited in claim 1, wherein said terminating connection  
includes a telephone number.
- 15           3.     The system as recited in claim 1, further comprising a database including a  
plurality of said terminating connections.
- 20           4.     The system as recited in claim 3, wherein said controller is operable to  
determine said plurality of said terminating connections in response to predefined  
parameters.
5.     The system as recited in claim 3, wherein said database includes a type field  
associated with a classification of each of said terminating connections as determined by  
said controller.
- 25           6.     The system as recited in claim 5, wherein said type field includes a field for  
modem classification, and a field for ISDN modem classification.
7.     The system as recited in claim 5, wherein said type field includes a voice  
field.

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8. The system as recited in claim 5, wherein said type field includes a field for facsimile machine classification.

5 9. The system as recited in claim 3, wherein said database includes a return to field to record an unavailable terminating connection.

10. The system as recited in claim 1, wherein said dialog processing device includes a voice processor.

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11. A method of classifying a terminating connection comprising the steps of:
- (1) initiating communication with a terminating connection;
  - (2) identifying communication with the terminating connection;
  - (3) classifying a type of the terminating connection; and
  - (4) recording the type.

12. A method as recited in claim 11, wherein step (1) further comprises the steps of initiating communication using an analog modem.

13. A method as recited in claim 11, wherein step (1) further comprises the steps of initiating communication using a dialog processing device.

14. A method as recited in claim 11, wherein said step (2) further comprises the step of identifying a negotiated maximum baud rate.

15. A method as recited in claim 14, wherein said step (3) further comprises the step of classifying said terminating connection as an analog modem if said negotiated maximum baud rate is greater than a predetermined value.

16. A method as recited in claim 14, wherein said step (3) further comprises the step of classifying said terminating connection as a facsimile machine if said negotiated maximum baud rate is less than a predetermined value.

17. A method as recited in claim 11, wherein said step (4) includes marking a

return to field if communication with the terminating connection is not accomplished.

18. A method as recited in claim 18, further comprises the step of returning to said step (1) after said marking of the terminal connection after said steps (1- 4) are completed for each of the terminating connections.

19. A method as recited in claim 11, further comprises the step of generating a list including a plurality of said terminating connections.

20. A method as recited in claim 20, further comprises the step of proceeding to a next terminating connection after said steps (1- 4) are completed for a preceding terminating connection.

- 21* ~~22.~~ A method of classifying a terminating connection comprising the steps of:
- (1) initiating communication with a terminating connection using an analog modem;
  - (2) initiating communication with said terminating connection using a dialog processing device;
  - (3) identifying communication with the terminating connection;
  - (4) classifying a type of the terminating connection; and
  - (5) recording the type.
- 10 *22* ~~23.~~ A method as recited in claim *21* ~~22~~, wherein said step (1) occurs prior to said step (2).
- 23* ~~24.~~ A method as recited in claim *21* ~~22~~, wherein said step (3) further comprises the step of identifying a negotiated maximum baud rate.
- 15 *24* ~~25.~~ A method as recited in claim *23* ~~24~~, wherein said step (4) further comprises the step of classifying the terminating connection as an analog modem if said negotiated maximum baud rate is greater than a predetermined value.
- 20 *25* ~~26.~~ A method as recited in claim *23* ~~24~~, wherein said step (4) further comprises the step of classifying the terminating connection as a facsimile machine if said negotiated maximum baud rate is less than a predetermined value.